

YEVSTIGNEYEVA, T.P.; KOLYCHEV, M.A.; MITKEVICH, D.S.

Apparatus for angiocardiology. Trudy TSentr. nauch.-issl.
inst. rentg. i rad. 10:113-117 '59. (MIRA 12:9)
(ANGIOCARDIOGRAPHY-EQUIPMENT AND SUPPLIES)

MITKOVICH, D.S.; MATOV, B.S.; DMOKHOVSKIY, V.V.

Safe for radioactive casts. Vest.rent. i rad. 32 no.2:86-87
Mr-Ap '57. (MLRA 10:8)
(RADIOTHERAPY--EQUIPMENT AND SUPPLIES)

Mitkevich, D.S.
DMOKHOVSKIY, V.V.; MATOV, V.S.; MITKEVICH, D.S.

Containers for radioactive needles and compounds. Vest.rent. i rad.
el no.6:89-91 N-D '56. (MLRA 10:2)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo rentgeno-radio-
logicheskogo institutaimeni V.M.Molotova (dir. - dotsent I.G.Labunova)
(RADIATION PROTECTION
containers for radioactive needles & substances)

YAL'TSEV, P.D.; KOLYCHEV, M.A.; MITKEVICH, D.S.

An apparatus for taking a sequence of roentgerograms. Vest.rent.1
rad. no.6:67-70 M-D '53. (MLRA 7:1)
(X rays--Apparatus and supplies) (Radiography)

MITKEVICH, A.V., kand. tekhn. nauk, dozent

Accelerated method for heating permanent magnets on the basis of
in respect to time. Elektricheskoe no. 5:64-66 My '65. (MIRA 28:6)

1. Leningradskiy politekhnicheskii institut imeni Kalinina.

MITKEVICH, A.V.; SHRAMKOV, Ye.O.

Instruments to investigate the stability of magnetic systems
with permanent magnets. Trudy inst. Kom.stand.mer i izm. prib
no.64:134-138 '62. (MIRA 16:5)
(Magnets) (Magnetometer)

BESSONOV, L.A.; DOMANSKIY, B.I.; DROZDOV, N.G.; D'YACHENKO, N.Kh.;
ZHEKULIN, L.A.; ZAYTSEV, I.A.; ZALESKIY, A.M.; KAMENSKIY, M.D.;
KOSTENKO, M.P.; LEBEDEV, A.A.; LOMONOSOV, V.Yu.; MITKEVICH, A.I.;
SMIRNOV, V.S.; TOLSTOV, Yu.G.; USOV, S.V.; SHRAMKOV, Ye.G.

L.R. Neiman; on his 60th birthday and the 35th anniversary of
his educational work. Elektrichestvo no.6:93-94 Je '62. (MIRA 15:6)
(Neiman, Leonid Robertovich, 1902-)

MITKEVICH, A.V.; SHRAMKO, Ye.G.

Study of the stability of magnetic systems with magnets within their frameworks and determination of their temperature coefficients. Elektrichestvo no. 1:69-72 Jan 1974 (MIRA 14:12)

1. Leningradskiy politekhnicheskii institut imeni Kalinina.
(Magnetic circuits)
(Magnetic instruments)

ZORIN, D.I., dots., kand. tekhn. nauk; MITKEVICH, A.V., dots., kand. tekhn. nauk; SHMAKOV, E.M., ass.; SHRAMKOV, Ye.G., prof., doktor tekhn. nauk; ASHKENAZI, E.L., red.; AKSEL'ROD, I.Sh., tekhn. red.

[International electrotechnical vocabulary. Group 20: Scientific and industrial measuring instruments] Mezhdunarodnyi elektro-tekhnicheskii slovar'; gruppa 20: Laboratornye i tekhnicheskie izmeritel'nye pribory. Izd.2. Moskva, Glav.red.inostr. nauchno-tekhn. slovari Fizmatgiza, 1962. 225 p. (MIRA 16:1)

1. International Electrotechnical Commission.
(English language--Dictionaries--Polyglot)
(Electric engineering--Dictionaries)

MITKEVICH, A.V.

SHRAMKOV, Ye.G., doktor tekhnicheskikh nauk, professor.; KOVALEV, N.B., inzhener
[deceased]; MITKEVICH, A.V., kandidat tekhnicheskikh nauk.

The stability of meters using magnico and alnico. Elektrichestvo
no.3:62-67 Mr '57. (MIRA 10:4)

1. Leningradskiy politekhnicheskiy institut im. Kalinina.
(Electric meters)

SHATELEN, M. A., TOLVINSKIY' V. A., NEYMAN, L. R.,
MIKHAYLOV, M. M., ZAYTSEV, I. A., LUR'YE, A. G.,
TSEYTLIN, L. A., MITKEVICH, A. V.

Kalantarov, Pavel Lazarevich, 1892-1951, Engineer.

P. L. Kalantarov, Obituary. Elektrichestvo, No. 2, '52.

Monthly List of Russian Accessions, Library of Congress,
July 1952. UNCLASSIFIED.

SA

653

V

329. Separation of Magnetic Viscosity and Eddy-Current Lag.
A. V. Mityagvitch. *Comptes Rendus (Doklady) de l'Acad. des Sciences, U.S.S.R.* 3. 8. pp. 200-211, 1935. *In English.*—The difficulty in separating magnetic viscosity and eddy-current lag lies in the uncertainty in calculating the latter. The difficulty may be overcome by imposing certain conditions, e.g., when $H = 0$ after removal of a magnetizing force H_m which has acted for a definite time. A method is described by which measurements may be made of the magnetic viscosity and eddy-current lag separately. [See Abstract 5241 (1934).]
 H. J. H. S.

ASTM-SLA METALLURGICAL LITERATURE CLASSIFICATION

E2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700028-6

MITKALDIN, V.I.

Calculating the resistance to a fluid flow in rounded pipes.
Izv. vys. ucheb. zav.; Chern. met. 8 no.1:198-194 1975
(MIRA 1801)

L. Moskovskiy institut stola i splavov.

MITALADZITS, V.I., head of work, work, work; UTENKOV, A.F., inzh.

2. Typical construction of 900 ton open hearth furnaces
which are placed on the roof. Stal' 24 no. 124138.
(MIRA 18:2)

3. Work on the construction of the roof.

MITKALINNY, Vsevolod Ivanovich; KRAFUKHIN, Vsevolod Valer'yanovich;
VASHCHENKO, Aleksandr Ivanovich; GRAMOVSKIY, Boris Lvovich;
GLINKOV, M.A., prof., doktor tekhn. nauk, red.

[Metallurgical furnaces; an atlas] Metallurgicheskie pechi;
atlas. Izd.2., perer. Moskva, Metallurgiya, 1964. 219 p.
___[Data for the atlas "Metallurgical furnaces"] K atlacu
"Metallurgicheskie pechi." 45 p. (EIA 17:9)

MITKALINYY, V.I.

Determining the length of aerodynamic fuel sprays in furnaces.
Izv. vys. ucheb. zav.; chern. met. 6 no.3:179-184 '63.

(MIRA 16:5)

1. Moskovskiy institut stali i splavov.
(Metallurgical furnaces--Combustion)

MITKALINNYI, V.I.

Calculation of turbulent flow in furnace combustion chambers.
Izv. vys. ucheb. zav.; Chern. met. 6 no.11:200-206 '63.

(MIRA 17:3)

1. Moskovskiy institut stali i splavov.

MAMYKIN, Petr Sergeyevich, doktor tekhn. nauk; LEVCHENKO, Petr Vasil'yevich, kand. tekhn. nauk; STRELOV, Konstantin Konstantinovich, kand. tekhn. nauk; MITKALINNYI, V.I., retsenzent; MIKHAL'SKIY, A.A., retsenzent; BELOV, O.V., red.; SYRCHINA, M.M., red. izd-vn; MAL'KOVA, N.T., tekhn. red.

[Kilns and driers of refractory plants] Pechi i sushila ognepornykh zavodov. [By] P.S. Mamykin i dr. Sverdlovsk, Metallurgizdat, 1963. 471 p. (MIRA 16:2)
(Refractories industry--Equipment and supplies) (Kilns)

KAPUSTIN, Yevgeniy Aleksandrovich; GLINKOV, German Markovich; MITKALINYY,
V.I., dots., retsenzent; GOLIATKINA, A.G., red. izd-va; KARASEV, A.I.,
tekhn. red.

[Flow of gases in open-hearth furnaces] Dvizhenie gazov v
martenovskikh pechakh. Moskva, Metallurgizdat, 1963. 270 p.
(MIRA 16:4)

(Open-hearth furnaces) (Gas flow)

GLINKOV, M. A. prof., doktor tekhn.nauk; MITKALINYY, V. I., dotsent, kand.
tekhn.nauk; KHE YU-TSZIN' [Ho Yu-chin]

Characteristics of aerodynamics in 600 and 900-ton open-hearth
furnaces with single-channel ports. Stal' 22 no.11:1051-1055
N '62. (MIRA 15:11)

1. Moskovskiy institut stali.
(Open-hearth furnaces--Aerodynamics)

MITKALINNYI, V.I., kand.tekhn.nauk; MOLCHANOV, N.G., kand.tekhn.nauk;
Prinimali uchastiye: NEVEDOMSKAYA, I.N.; SHKOL'NIKOV, Yu.M.;
VOLVENKIN, V.K.; RAYSKIY, R.N.; BELEN'KIY, A.M.; SKOBEL'TSEN,
S.S.; FEY GZHU-MIN; CHAHAO TIN-YUAN

Improvement of bell-type furnaces for bright annealing. Stal'
22 no.4:365-367 Ap '62. (MIRA 15:5)

1. Moskovskiy institut stali.
(Furnaces, Heat-treating) (Annealing of metals)

MITKALINNYI, V.I.; KHE YU-TSZIN' [Ho Yu-chin]

Aerodynamics of large capacity open-hearth furnaces. Izv. vys.
ucheb. zav.; chern. met. 5 no.7:196-205 '62. (MIRA 15:8)

1. Moskovskiy institut stali i splavov.
(Open-hearth furnaces--Aerodynamics)

ATTACHMENT, V.I.

Improvement of Ball Bearing Design for the use of extrusion
of coiled sheet steel. Inv. Eng. Technol. Adv.; Intern. Pat.
No. 1:191-193 '1. (191-193)

1. Moskovskiy institut stali.
(Annealing of articles) (40 tons, heat-treating)

MITKALINNYI, Vsevolod Ivanovich; LANCOSKAYA, M.R., red.izd-va; ISLENT'YEV,
P.G., tekhn. red.

[Gas flow in furnaces] Struinoe dvizhenie gazov v pechakh. Moskva,
Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii,
1961. 182 p. (MIRA 14:11)

(Metallurgical furnaces--Combustion)
(Gas flow)

Nov/1984/1/1/1/1

Aerodynamics of Bell Type Furnaces for Bright Annealing

atmosphere along the height of the charge is approximately the same for muffles with single and double wall.

6) The necessary positive pressure at the sand seal is attained if the flow directing apparatus operates with a ratio of pressure drop in the diffuser to the total pressure drop of not less than $1.0 - 0.8$. 7) Pressure drop for a muffle with a double wall with a charge of 4 coils is 20-23% higher than for a single wall muffle. 8) The pressure of the sand seal is independent of the point of supply of the protective gas. It is stated in the editorial note that the above results should be considered as preliminary until they are confirmed by experiments on the actual furnaces. There are 4 figures

ASSOCIATION: Moskovskiy Institut Stali (Moscow Institute of Steel)

SOV/23/79-2-24/26

Aerodynamics of Bell Type Furnaces for Bright Annealing

of $t = 860^{\circ}\text{C}$. Aerodynamic characteristics of four types of flow directing equipment were investigated (fig.2). Changes in static pressure, velocity and consumption of circulating gas at various points under the muffle with a double wall with the flow directing apparatus No.1, and under the single wall muffle with the apparatus No.3 are shown in figures 3 and 4 respectively. It is concluded that the level of pressure inside the muffle is determined by: a) the consumption of protective gas supplied; b) tightness of the seal; c) the amount of atmosphere circulating under the muffle. 2) The level of pressure and the amount of circulating atmosphere under the muffle depend on the profile of the flow directing apparatus. 3) The tightness of the sand seal has an influence on the level of pressure but not on the character of distribution of pressure along the path of circulating gas. A similar influence has the consumption of the protective gas supplied under the muffle. 4) The character of the distribution of static pressure along the path of circulating atmosphere is determined by the relationship of resistances of the individual sectors along the path of the gas. 5) The distribution of the area of the

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308/242-59-0-100

AUTHORS: Mitkalinnyy, V.I., Candidate of Technical Sciences, Moscow
Molchanov, N.G., Candidate of Technical Sciences, Moscow

TITLE: Aerodynamics of Bell Type Furnaces for Bright Annealing
(Aerodinamika kolpakovykh pechey dlya svetlogo otkazha)

PERIODICAL: Stal', 1959, Nr 2, pp 176-180 (USSR)

ABSTRACT: A study of the gas flow and the distribution of pressure in furnaces fitted with a gas flow directing equipment of various designs by using models (1:8) with double and single muffles was carried out. The dependence of the distribution of the circulating atmosphere on the resistance of washers between the coils, the influence of the point of supply of protective atmosphere and its consumption for retaining pressure at the sand seal, the resistance of the sand seal and the distribution of pressure in the central part of the flow directing equipment were established. The quantitative measurements were done on air models (visual and hydraulic). As a specimen, the furnace designed by Stal'proyekt for bright annealing of coil was taken (fig.1). According to the design data the consumption of the atmosphere under the internal muffle was 12000 m³/hr at a temperature

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Aerodynamics of the Combustion Flow in
Siemens-Martin Furnaces

SOV/163-59-1-10/50

zone, and only 18-15% are used for counterbalancing the static pressure. If $\frac{F_k}{F_{out}} = 3.5$ this counterbalancing pressure increases

to 28-36%. A comparison of the relative decrease of flow velocity $\frac{V_o}{V_{free}}$ showed that this quantity is less than unity

and that it decreases in the direction of flow. V_o denotes the consumption in the initial cross-section and V_{free} in the cross-section under investigation. The modification of the velocity in the flame axis shows that in the second half of the hearth space of the Siemens-Martin furnace as well as in a chamber with rectangular cross-section the flame is extinguished earlier than in an unbounded space or in a half-space. This indicates an increase of the drag coefficient ψ corresponding with the progress of the flame and is also true for a combustion chamber exhibiting a different state of the hearth surface. There are 5 figures and 2 Soviet references.

Card 3/4

Aerodynamics of the Combustion Flow in
Siemens-Martin Furnaces

SOV/163-59-1-16/50

Formula (1) specifying this ratio is written down, from which $\bar{u}$ can be determined. Formula (5) specifying the drag in the region under investigation is given. Several variations of flow inlet were studied in order to determine the drag coefficient ψ of the flow in the flow zone. It was found that the drag increases in the direction of flow and that it varies within the limits of 0.068 and 0.125 in the first half of the chamber, and from 0.16 to 0.26 in the end section of the chamber. The flow cross-section F appearing in formula (5) is determined by formula (7). The investigations showed that the relative cross-section $\frac{F}{F_k}$ in the flow zone increases with a reduction of the height of the chamber and of the outlet cross-section, F_k denoting the chamber cross-section. F_{out} is the outlet cross-section. If $\frac{F_k}{F_{out}} = 5$ 82-85% of the kinetic energy of the flow is used for overcoming the friction forces at the hearth and at the wall and the drag caused by the exchange of substances between the hearth zone and the chamber

Card 2/4

18(3)

AUTHORS:

Mitkalinnyy, V. I., Ni Hsueh-tse

SOV/163-59-1-16/50

TITLE:

Aerodynamics of the Combustion Flow in Siemens-Martin Furnaces
(Aerodinamika fakela martenovskoy pechi)

PERIODICAL:

Nauchnyye doklady vysshey shkoly. Metallurgiya, 1959, Nr 1,
pp 73-79 (USSR)

ABSTRACT:

This article is based upon the experimental information collected in a paper on the theory of the motion of gases in furnaces. This theory has been developed at the Chair of Foundry Furnaces under the supervision of M. A. Glinkov, Professor, Doctor of Technical Sciences. The combustion zone located in the hearth of the Siemens-Martin furnace delivers its effluent gases into chambers. The motion of gases in these chambers was investigated by means of a model of a 120 tons furnace on a scale of 1:50. The experiments showed that in a chamber with a rectangular cross-section the cross-sectional area of the flow increases in the direction of the flow, whereas the maximum and the mean velocity in the flow cross-section decrease in this direction. The non-uniformity of the velocity field in the flow zone can be expressed by the ratio of the mean velocity $\bar{u}$ and the maximum velocity u_m .

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Certain Problems on the Gas Flow in Furnaces

SOV/137-59-1-32

section; L_{base} is the distance from the end of the initial sector; r_0 is the radius of the initial cross section; $\alpha = 0.08$ for a free J. When two J collide, the dissipation of the joint J is the same for all angles of intersection starting from the point of intersection of the axes of the initial J's. $D_{rel} = 1 - e^{-\alpha \ell / r_0}$, where ℓ is the distance from the point of intersection of the axes of the J's. A J striking a plane is examined, and an equation describing the width of the J in the vicinity of the plane is adduced. Study of the movement of a J in the working space of an open-hearth furnace and in a rectangular section chamber showed that at the beginning of its movement the free J encounters greater resistance than does a J in a restricted space. During continued flow the resistance to the movement of a J in a restricted space becomes greater. The static pressure in the rectangular chamber changes according to complex laws. Therefore, in determining the rate of flow in a restricted space, as well as the rate of a free J, it is necessary to determine the static pressure at the given point.

G. G.

Card 2/2

SOV/37-59-1-32

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 4 (USSR)

AUTHOR: Mitkalimnyy, V. I.

TITLE: Certain Problems on the Gas Flow in Furnaces (Nekotoryye voprosy dvizheniya gazov v pechakh)

PERIODICAL: Nauchn. dokl. vyssh. shkoly. Metallurgiya, 1958, Nr 1, pp 66-73

ABSTRACT: Investigations of the free jet (J) showed that the static pressure in either the transverse or the longitudinal sections of a J is not uniform. The pressure on the free surface of a J is equal to the pressure of the surrounding space, whereas the maximum rarification exists on the axis of the J. In J with circular cross section and J with rectangular cross section after conversion into axially symmetrical round J, $\bar{u}/u_{\max} = 0.333$ where $\bar{u}$ is the mean speed on the cross section of the J and $u_{\max}$ is the speed along the axis. For free J the expression $\bar{u}d$ is a constant. The surrounding medium offers resistance to the motion of the J. The total-pressure loss coefficient is described by the following equation: $D_{\text{rel}} = 1 - e^{-\alpha L_{\text{base}}/r_0}$ where $D_{\text{rel}} = K_{\text{rel}}/K_{\text{rel max}}$; $K_{\text{rel}} = 1 - P/P_0$; P is the total pressure on the axis of the J in any section; P_0 is the total pressure in the initial

Card 1/2

137-58-6-11703

The Thermal Performance (cont.)

O₂, but with a 25% enrichment of the blow, the flame temperature rose to 1930° during charging, while 32% enrichment brought it to 1990°.

G.G.

1. Open hearth furnaces--Thermodynamic properties 2. Open hearth furnaces--Test results

Card 2/2

137-58-6-11703

Translation from: Referativnyy zhurnal, Metallurgiya, 1956, Nr 6, p 76 (USSR)

AUTHORS Glinkov, M.A., Mitkalinnyy, V.I.

TITLE: The Thermal Performance of an Open-hearth Furnace Operating by the Scrap Process (Teplovaya rabota martenovskoy pechi pri skrap-protsesse)

PERIODICAL: Sb. Mosk. in-t stali, 1957, Vol 37, pp 22-32

ABSTRACT: A description of the results of 300 experimental heats in a 70-t furnace at the "Hammer and Sickle" Works, with delivery of O₂ into the heavy-oil jet flame, are described. O₂ enrichment of the blow was 25-35%. Changes occurring in the temperature of the roof and flame in the course of a heat, at various rates of O₂ flow, are examined. The temperature of the roof during the charging period varied in accordance with the duration thereof from 1400 to 1650°C, attaining a minimum at the end of the charging period. During the melt-down and working period, the temperature of silica-brick roofs attained 1650°, while basic roofs reached 1780°. The temperature of the flame, measured by an optical pyrometer, was 1800° during the charging period and 1850° at the end of the melt-down in heats without

Card 1/2

MITKALINYY, V.I., dotsent, kandidat tekhnicheskikh nauk.

Combustion and heat exchange in radiating pipes of flame furnaces
for indirect heating. Sbor. Inst. stali no.35:350-375 '56.
(MLRA 10:8)

1. Kafedra metallurgicheskikh pochey.
(Heat--Transmission) (Metallurgical furnaces)

MITKALINYY, V.I., dotsent, kandidat tekhnicheskikh nauk.

Calculating heat exchanges in the combustion chamber of flame
preheating furnaces. Sbor. Inst, stali no.35:327-338 '56.
(MLRA 10:8)

1. Kafedra metallurgicheskikh pechey.
(Heat--Transmission) (Metallurgical furnaces)

MITKALINYY, V.I., dotsent, kandidat tekhnicheskikh nauk.

Determining the pressure of a gas current on furnace walls. Sbor.
Inst. stali no.35:212-221 '56. (MLRA 10:8)

1. Kafedra metallurgicheskikh pechey.
(Gas flow) (Metallurgical furnaces)

MITKALINYY, V.I.

21774 MITKALINYY, V.I. Deformatsiya gazov'kh lotkov pri podzhenii i ugle o o
ploskost'. (dvizheniya gazov v kar'enovskoy pechi. Sbornik (Mosk. in-
im. Stalina), 28, 1949, s. 119-59 - Bibliogr: 7 nazv.

SO: Lotopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.

CHEBOTAREVSKIY, V.V.; MITKALINNAYA, T.I.

Corrosion-preventing lacquer coatings for lead, copper, and
copper alloys. Lakokras.mat. i kh.prim. no.2:31-36 '60.

(Metal--Corrosion)

(MIRA 14:4)
(Protective coatings)

MITKALEV, B.A.; LEBEDEV, Ye.F.; NOVIKOVA, T.A.

Purification of phenol waste waters by adsorption on activated carbons. Nefteper. i neftekhim. no.11:13-15 '64 (MIRA 18:2)

1. Nauchno-issledovatel'skiy institut neftekhimicheskikh proizvodstv, Ufa.

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MITKALEV, B.A.; DAVIDOVICH, M.I.

Decontaminating the waste waters of a catalyst factory. Trudy Bask.
NIINP no.5:226-229 '62. (MIRA 17:10)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700028-6

KOZOROV, Ye.S.; MITKALEV, B.A.; IVANOV, A.N.; DZHINCHAROV, V.N.

Separating the trap emissions of pyrolytic residues. Study on
NINE no. 5:218-225 1968. (U.S.S.R.)

MITKALEV, B.A.; IOAKIMIS, E.G.; DUDNIKOVA, R.V.

Using filtration and coagulation to purify waste waters. *Trudy Bakh.*
NIINP no.5:206-211 '62. (MIRA 17-10)

Closed cycle in the water supply of the barometric condenser of
atmospheric and vacuum distillation apparatus. *Ibid.*:211-217

KOZOREZOV, Ye.S.; MITKALEV, B.A.; IVANOV, A.M.; DZHINGARADZE, V.M.

Separation of trap emulsions in petroleum refineries. Khim.i tekhn.
topl.i masel 6 no.6:32-34 Je '61. (MIRA 14:7)

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke
nefti i Vsesoyuznyy nauchno-issledovatel'skiy i konstruktorskiy
institut khimicheskogo mashinostroyeniya.
(Petroleum---Refining) (Emulsions)

MITKALEV, B.A.; IOAKIMIS, E.G.; KALNINA, R.V.

Flotation method for the purification of sewage at petroleum
refineries. Trudy BashNII NP no.1:216-225 '59.(MIRA 12:6)
(Sewage--Purification)
(Petroleum refineries--By-products)

STANKEVICH, B.Ye.; MITKALEV, B.A.; ISAYEVA, M.I.

Aeration purification of sewage containing hydrogen sulfide
at petroleum refineries. Trudy BashNII NP no.1:205-215 '59.
(MIRA 12:6)

(Sewage--Purification) (Hydrogen sulfide)
(Petroleum refineries--By-products)

MITKALEV, B.A.; IOAKIMIS, E.G.; KOZOREZOV, Yo.S.

Separate sewerage systems. Trudy BashNII MF no.1:200-204
'59. (MIRA 12:6)
(Petroleum refineries--By-products)
(Sewerage)

MITKALEV, B.A.; IOAKIMIS, E.G.

Water supply, sewerage and routine and additional purification
of sewage at petroleum refineries. Trudy BashNII NP no.1:
187-199 '59. (MIRA 12:6)
(Petroleum refineries--Water supply)
(Sewage--Purification)

SOV/81-59-16-58508

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 16, p 411 (USSR)

AUTHORS: Mitkalev, B.A., Kozorezov, Ye.S., Ioakimis, E.G.

TITLE: The Examination of the Sewage of the Retarded Coking Installation at the Novo-Ufimskiy Oil Refinery

PERIODICAL: Novosti neft. tekhn. Neftepererabotka, 1958, Nr 9, pp 4-9

ABSTRACT: The examination of the sewage from the installation of retarded coking has shown that the sewage is polluted by small quantities of petroleum products, mechanical admixtures and H_2S . It is recommended to purify the hydrogen sulfide waters from H_2S and after cooling to use them for a second time; for the final cleaning of waste waters from mechanical impurities filtration through two-layer sand-coke filters is recommended. There are 3 references.

G. Margolina.

Card 1/1

MITKALEV, B.A., kandidat khimicheskikh nauk.; KOZOREZOV, Ye.S., inzhener.

Factors affecting the formation of emulsions in refinery runoffs.
Neftianik 2 no.4:28-31 Ap '57. (MIRA 10:5)

1. Bashkirskiy nauchno-issledovatel'skiy institut neftyanoy promysh-
lennosti.
(Petroleum--Refining)

CA 22

SEPARATION OF α -METHYLNAPHTHALENE FROM GREEN OIL
 N. A. Putkov, B. A. Mitkaiev, and G. P. Barabaneva.
 U.S.S.R. 69,178, Aug. 31, 1947. A rather narrow frac-
 tion of green oil is treated first with concd. H_2SO_4 and an
 alk. soln. It is then steam-distd. and treated with a sor-
 bent, e.g., C_60 SiO_2 gel. The sorbent is then washed
 with a suitable solvent and the hydrocarbon is sepd.
 from the solvent by the usual methods. M. Hosh.

ATD-55A METALLURGICAL LITERATURE CLASSIFICATION

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(SEWAGE) (SOIL)

MITJA, ROSINA ~~MITJA~~

CZECHOSLOVAKIA/Atomic and Molecular Physics - liquids

p-8

Abs Jour : Ref Zhur - Fizika, No 4, 1958, No 8094

Author : Rosina Mitja

Inst : Not Given

Title : Dilatational Viscosity

Orig Pub : Obz. mat. in fiz., 1956, 1957, 5, No 3, 127-132

Abstract : No abstract

Card : 1/1

MITJA, Micki; podatke zbrala in uredila in MARKO, Matjasic, abs.med.

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in Ljubljana, Yugosl.(S1))

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hirtie 13 no. 2:49-55 F '64.

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(Electric cutouts)

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IZRAYELIT, Aron Borisovich; KUMBASOV, V. I., Inst.,
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 Nikolayevich, prof. [deceased]; prinyal uchastiye: GOL'TSIKER, D.G., inzh.;
 BORISOV, V.N., dotsent, kand. tekhn. nauk, retsenzent; SAMUYLO, V.O.,
 V.O.dots., retsenzent; TAUBER, B.A., prof., retsenzent; CHERNAVSKIY,
 S.A., dotsent, retsenzent; ITSKOVICH, G.M., inzh., nauchnyy red.; PITER-
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1. Iz detskogo otdeleniya dispansernogo sektora Tsentral'nogo
instituta tuberkuleza Ministerstva zdravookhraneniya SSSR (dir. -
deystvitel'nyy chlen AMN SSSR prof. N. A. Shmelev)

(TUBERCULIN--TESTING)

MASSINO, S. V., prof; ZAVARSKAYA, I. P.; KORNBLIUM, O. I., kand. med. nauk; MITINSKAYA, L. A., kand. med. nauk; SOKOL'SKAYA, N. S., kand. med. nauk

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(TUBERCULIN--TESTING) (TUBERCULOSIS)

MITINSKAYA, L.A., kand.med.nauk

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(MIRA 15:5)

1. Iz Instituta tuberkuleza AMN SSSR (dir. - chlen-korrespondent
AMN SSSR prof. N.A.Shmelev).
(BCG VACCINATION)

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MITINSKAYA, L.A.

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MITINSKAYA, L. A., Candidate Med Sci (diss) -- "The reaction of the organism of older children to enteral administration of repeated large doses of BCG vaccine". Moscow, 1959. 15 pp (Acad Med Sci USSR, Inst of Tuberculosis), 200 copies (KL, No 24, 1959, 151)

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Reaction of the organism of infected children to repeated enteral
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76-82 '58 (MIRA 11:10)

1. Iz detskogo otdeleniya (zav. A.I. Kudryavtseva) dispansernogo
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(BCG VACCINATION, ther. use.
tuberc. in child., repeated oral admin., reaction(Rus))
(TUBERCULOSIS, in inf. & child.
reaction to repeated oral admin. of BCG vacc. (Rus))

MITINSKAYA, L.A.

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MITINSKAYA, L.A.

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(BCG VACCINATION)

USSR/Microbiology - Microorganisms Pathogenic to Humans and Animals F-3

Abs Jour: Ref Zhur - Biol., No 18, 1958, 81580

Author : Mitinskaya, L.A.

Inst : Tuberculosis Inst., Acad. Med. Science USSR.

Title : Reaction of an Older Child's Organism to Repeated Introduction of Increased Dosages of ECG Vaccine Enterically.

Orig Pub: Tr. In-ta tuberkuleza. Akad. med. nauk SSSR, 1957, 9, 9-16

Abstract: No abstract.

Card 1/1

MITINOVICH-MODZHEVSKAYA, A., prof.

Disorder of hearing and speech in cleft palate cases. Stomatologiya
38 no.4:42-45 J1-Ag '59. (MIRA 12:12)

1. Meditsinskaya kademiya v Varshave.
(PALATE, CLEFT) (EAR--DISEASES) (SPEECH--DISORDERS OF)

L 17701-66

ACC NR: AT6004294

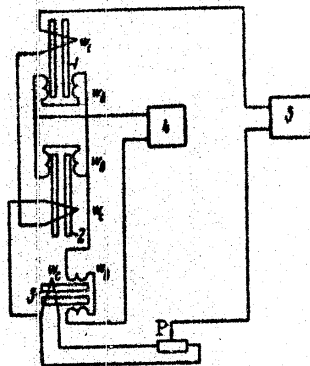


Fig. 1. Error compensation system

1, 2 - Main gradiometer probes;
3 - auxiliary probe; 4 - generator;
5 - amplifier.

block around the measuring axis, the position of maximum error is determined. In this position of the main probes, the auxiliary probe is oriented along the vertical and the error is compensated by potentiometer P. Orig. art. has: 2 figures. [JR]

SUB CODE: 08/ SUBM DATE: none/ ORIG REF: 002/ ATD PRESS: 4209

Card 2/2

L 17701-66 EWT(1) GW

ACC NR: AT6004294

(N)

SOURCE CODE: UR/3175/65/000/026/0029/0032

AUTHOR: Grin'kov, E. D.; Litkens, Ye. S.; Mitinkov, V. V.; Moiseyev, A. S.; Semenova, V. Ya.

ORG: none

TITLE: Compensating the error of a ferroprobe gradiometer

SOURCE: USSR. Gosudarstvennyy geologicheskii komitet. Osoboye konstruktorskoye byuro. Geofizicheskaya apparatura, no. 26, 1965, 29-32.

TOPIC TAGS: gradiometer, gradient meter, ferroprobe, magnetometer, ferroprobe magnetometer

ABSTRACT: When a differential magnetometer is used as a gradient pickup in a ferroprobe gradiometer, the resultant methodical error can only be determined by approximation. This error is attributed to misalignment of the axes of the ferroprobes used, and the following recommendations are proposed for compensation: 1) the probes should be rigidly fixed in a common block to insure stable and parallel alignment, and 2) the remaining error should be compensated by a third auxiliary probe mounted perpendicular to the measuring axis of the gradiometer with a rotating degree of freedom that coincides in direction with the axis. A diagram showing the disposition of the probes is given in Fig. 1. The most accurate compensation is attained with dc. In aligning the system, the block of probes is oriented in a horizontal plane in the north-south direction. By rotating the

Card 1/2

MITINA, V.S.

Phosphatase activity of certain bacterial species. Zhur.mikrobiol.
epid.i immun. 31 no.11:105-108 N '60. (MIRA, 14:6)

1. Iz Saratovskogo gosudarstvennogo meditsinskogo instituta.
(PHOSPHATASE) (BACTERIA)

MITINA, V.S.; GVOZDKOV, A.V.

Influence of deoxyribonucleic acid on the stability and
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inst. 26:265-270 '59. (MIRA 14:2)

1. Saratovskiy meditsinskiy institut, kafedra biologicheskoy
khimii (zav. - prof. N.N. Ivanovskiy).
(NUCLEIC ACIDS) (ESCHERICHIA COLI)

MITINA, V.S. RUBIN, V.I.

Differentiation of dissociants of *Sarcina lutea* by carbohydrate composition. Trudy Sar. gos. med. inst. 26:260-264 '59.
(MIRA 14:2)

1. Saratovskiy meditsinskiy institut, kafedra biologicheskoy khimii (zav. - prof. N.I. Ivanovskiy).
(SARCINA LUTEA) (PAPER CHROMATOGRAPHY)

MITINA, V.S.; RUBINA, V.I.

Dehydrase and ascorbic acid oxidase activity in the S and R-forms
of some types of bacteria. Trudy Sar. gos. med. inst. 26:294-299
59. (MIRA 14:2)

1. Saratovskiy meditsinskiy institut, kafedra biologicheskoy
khimii (zav.-prof. N.N. Ivanovskiy).
(DEHYDROGENASES) (ASCORBIC ACID OXIDASE)
(SARCINA) (STAPHYLOCOCCUS) (ESCHERICHIA COLI)

MITINA, V.S.

Glycolysis and respiratory coefficient in the S- and R-forms of
some types of bacteria. Trudy Sar. gos. med. inst. 26:248-253
'59. (MIRA 14:2)

1. Saratovskiy meditsinskiy institut, kafedra biologicheskoy
khimii (zav.-prof.N.N. Ivanovskiy).

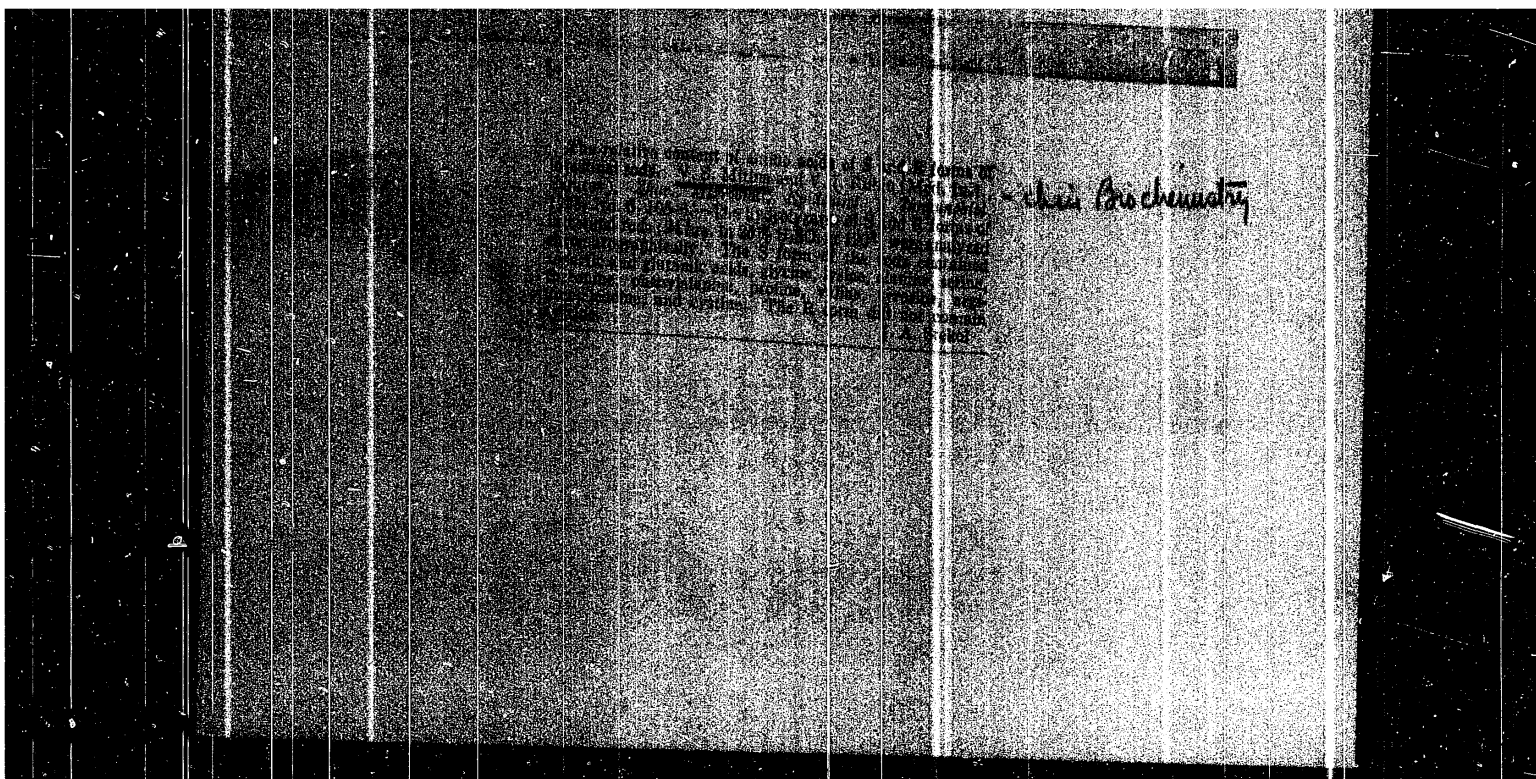
(GLYCOLYSIS) (RESPIRATION) (STAPHYLOCOCCUS)
(SARCINA LUTEA) (ESCHERICHIA COLI)

MITINA, V.S.; RUBIN, V.I.

Phosphoric acid in the S and R forms of certain species of bacteria.
Zhur-mikrobiol. opid. i immun. 86 no.7:150-151 J1 '57. (MIRA 10:10)

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(BACTERIA (PHOSPHORIC ACID))

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MITINA, T.V.

Effect of penicillin on the sensitized organism and its relation to the development of anaphylactic shock. Antibiotiki
4 no.3:54-57 My-Je '59. (MIRA 12:9)

1. Kafedra patologicheskoy fiziologii (zav. - prof.I.I.Fedorov)
L'vovskogo meditsinskogo instituta.

(PENICILLIN, effects,

on exper. anaphylactic shock (Rus))

(ALLERGY, exper.

eff. of penicillin on develop. of anaphylactic
shock (Rus))

MITINA, T.V.

MITINA, T.V.

Role of body response in the mechanism of resistance to the tetanus toxin. Zhur.mikrobiol.eid. i immun., supplement for 1956:5-6 '57
(MIRA 11:3)

1. Iz kafedry patofiziologii L'vovskogo meditsinskogo instituta.
(TOXINS AND ANTITOXINS) (STRYCHNINE)

MITINA, T.V.

Role of the receptors in the perception of tetanus toxin and anti-tetanus serum. Zhur.mikrobiol.epid.i immun. no.5:38-40 My '55.

(MLRA 8:7)

1. Iz kafedry patofiziologii (zav.-prof. I.I.Fedorov) L'vovskogo meditsinskogo instituta (dir.-prof I.N.Kuzmenko) i laboratorii patofiziologii infektsii i immuniteta (zav.-prof. A.Ya.Alymov) Instituta patofiziologii i eksperimental'noy terapii AMN SSSR (dir. akad. A.D.Speranskiy).

(TETANUS,

toxin, eff., role of neural receptors in susceptibility of organ)

(TETANUS, immunology,

immune serum, role of neural receptors in susceptibility of organ to)

(NERVE ENDINGS, physiology,

neural reception in susceptibility of organ to tetanus toxin & anti-tetanus serum)

(IMMUNE SERUMS,

anti-tetanus, role of neural reception of organ in susceptibility)

MITINA, T. V.

The Role of Peripheral Nervous Apparatus in the Mechanism of the Action of
Anti-Tetanus Serum

p. 95.

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(The Problem of Reactivity in Pathology)

VELIKINA, M.TS.; MITINA, D.I.

Practice of using operation and technical means for using
wire broadcasting and communication systems. Vest. SVYDZ
no.3:15-16 Mr '65. (RIDA 1015)

1. Starshiye inzhenerov-ekonomistov Otdela truda i zarabotkov
Ministerstva svyazi SSSR.

MITINA, S.I.

Output planning system for telegraph operators. Vest.sviati 25
no.2:25-26 F '65. (MIRA 18:6)

1. Starshiy inzhener-ekonomist Otdela truda i zarabotnoy platy
Ministerstva svyazi SSSR.